



DEPARTMENT OF THE NAVY  
NAVAL AIR SYSTEMS COMMAND  
NAVAL AIR SYSTEMS COMMAND HEADQUARTERS  
WASHINGTON, DC 20361 -0001

IN REPLY REFER TO

NAVAIRINST 5450.21  
6 JAN 92

NAVAIR INSTRUCTION 5450.21

From: Commander, Naval Air Systems Command

Subj: **NAVAL AIR WARFARE CENTER CHARTER**

Ref: (a) SECNAV memo of 12 Apr 91 (NOTAL)  
(b) UNDERSECNAV memo of 24 Jul 91 (NOTAL)  
(c) OPNAVNOTE 5450 of 23 Dec 91 (NOTAL)  
(d) UNDERSECNAV Memo of 20 Dec 91 (NOTAL)

Encl: (1) Naval Air Warfare Center Charter

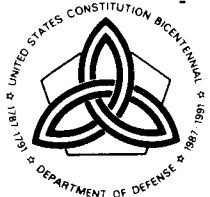
1. Purpose. To establish the Naval Air Warfare Center (NAVAIRWARCEN) and to promulgate the charter which defines its mission, technical leadership roles, organization and operating relationships, as well as the authority, responsibilities and accountability of the Commander, Naval Air Warfare Center.

2. Scope and Applicability. This instruction applies to all organizational elements of the Naval Air Systems Command.

3. Background.

a. The Secretary of the Navy, in reference (a), approved the implementation plan to consolidate Navy Research, Development, Test and Evaluation (RDT&E), Engineering and Fleet Support Activities into four Warfare Centers and a Corporate Laboratory. System Commanders were directed to develop charters for each of the Centers within their cognizance, and to develop a plan to disestablish designated organizations while effecting their orderly transfer to the newly formed Centers. Reference (b) authorized continued planning to establish Warfare Centers after 1 January 92, provided such action does not foreclose full, impartial response to Congressional action on Base Closure and Realignment Commission recommendations or to Secretary of Defense decisions based upon Department of Defense (DOD) Advisory Commission recommendations for Defense R&D Laboratory Consolidation. As approved by reference (c), the NAVAIRWARCEN, reporting to Commander, Naval Air Systems Command (COMNAVAIR), will be comprised of the following field activities:

- Naval Air Development Center, Warminster, PA
- Naval Air Engineering Center, Lakehurst, NJ
- Naval Air Propulsion Center, Trenton, NJ
- Naval Air Test Center, Patuxent River, MD
- Naval Avionics Center, Indianapolis, IN
- Naval Weapons Center, China Lake, CA
- Naval Ordnance Missile Test Station, White Sands, NM
- Naval Weapons Evaluation Facility, Albuquerque, NM
- Pacific Missile Test Center, Pt. Mugu, CA



S/N: 0808LD0557720

The Center is organized into two major divisions: the Aircraft Division on the East Coast and the Weapons Division on the West Coast. The Center Headquarters is located in Washington, D.C.

b. The assimilation of the nine separate technical field activities into the single corporate entity represented by the Center is planned in phases over a four year span. During this period, the nine technical activities that are to be consolidated into the NAVAIRWARCEN will be disestablished as separate reporting activities and restructured as integral components of the Aircraft and Weapons Divisions with the goal of minimizing overhead and infrastructure. COMNAVAIR hereby delegates to COMNAVAIRWARCEN responsibility for completing this plan. Specific actions follow:

(1) Aircraft Division. The Aircraft Division is established under the command of a Flag Officer headquartered at Patuxent River, MD. The components formed from the activities listed below are subordinate to the Commander, Aircraft Division, until their full assimilation within the division: Naval Air Development Center, Naval Air Propulsion Center, Naval Air Engineering Center, Naval Avionics Center and the Naval Air Test Center.

(2) Weapons Division. The Weapons Division is established under the command of a Flag officer headquartered at Pt. Mugu, CA. The components formed from the activities listed below are subordinate to the Commander, Weapons Division, until their full assimilation within the division: Naval Weapons Center, Pacific Missile Test Center, Naval Ordnance Missile Test Station, Naval Weapons Evaluation Facility.

#### 4. Action

a. The NAVAIRWARCEN is established in accordance with references (c) and (d). The Warfare Center charter is attached, enclosure (1). Additional phased organizational changes will be in accordance with reference (a).

b. The Assistant Commander for Corporate Operations (AIR-07) will implement NAVAIRSYSCOM organization manual changes to reflect the Center charter.

c. COMNAVAIRSYSCOM headquarters organizations shall provide requested matrix support to the Center as necessary to ensure completion of the assigned Center mission.

d. The Center Commander will develop and maintain a data base and tracking system to provide information as required (but on at least an annual basis) on NAVAIRWARCEN component closure and realignment actions to COMNAVAIR, ASN(RD&A), the Navy Laboratory/Center Coordinating Group, and the Defense Base Closure and Realignment Commission.

e. COMNAVAIRWARCEN will biennially review the location of his Headquarters staff, and brief the results of this review to the Navy Laboratory/Center Oversight Council.



W. C. BOWES  
Commander

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**NAVAL AIR WARFARE CENTER CHARTER**

- Attachment: (1) Activities Assigned to the Naval Air Warfare Center (1995 Plan)  
(2) Naval Air Warfare Center Organization Structure (1995 Plan)  
(3) Naval Air Warfare Center Organizational Relationships

**1. Introduction.**

a. **Purpose.** This charter delineates the mission and leadership areas of the Naval Air Warfare Center (NAVAIRWARCEN), and the authority, responsibilities and accountability of the Commander (COMNAVAIRWARCEN), and outlines the operating organization, resources and functional support required to carry out the mission of the Center, including support provided by the Naval Air Systems Command (NAVAIRSYSCOM).

b. **Background.** The Navy, in order to increase the effectiveness and efficiency of its research, development, test and evaluation (RDT&E), engineering and Fleet support activities, given an increasingly constrained resource environment, has approved the formation of four full spectrum Warfare Centers. Each Warfare Center will be responsible for a unique set of functions or leadership areas to eliminate unwarranted duplication of effort, and develop centers of technical excellence with a critical mass of capability concentrating all of the work and talent associated with one technical area at one activity. The Commander, Naval Air Warfare Center, will report to the Commander, Naval Air Systems Command. The Center will be formed from nine existing field activities: Naval Air Development Center, Warminster, PA; Naval Weapons Center, China Lake, CA; Naval Air Engineering Center, Lakehurst, NJ; Naval Air Propulsion Center, Trenton, NJ; Naval Air Test Center, Patuxent River, MD; Naval Avionics Center, Indianapolis, IN; Naval Weapons Evaluation Facility, Albuquerque, NM; Pacific Missile Test Center, Pt. Mugu, CA; and the Naval Ordnance Missile Test Station, White Sands, NM.

c. **Relationship to Chartering Authority.** COMNAVAIRWARCEN reports directly to COMNAVAIRSYSCOM, who is the chartering authority. COMNAVAIRWARCEN will operate with a small immediate staff, augmented by support from NAVAIRSYSCOM Headquarters (NAVAIRHQ). The Center Commander will be a Flag Officer. The principal deputy will be a civilian senior executive service (SES) technical director who is responsible for the coordination, adequacy and quality of technical products of the NAVAIRWARCEN.

**2. NAVAIRWARCEN Mission and Leadership Areas and the Authority, Duties and Responsibilities of COMNAVAIRWARCEN.**

a. **Mission.** The Center is to be the Navy's full spectrum research, development, test and evaluation, engineering, and Fleet support center for air platforms, autonomous air vehicles, missiles and missile subsystems, weapon systems associated with air warfare, avionics systems, and for sensor systems used to conduct anti-submarine warfare from air platforms.

b. **Leadership Areas.** The Center provides the Navy with singular leadership and expertise in the following technical areas:

- (1) Air Warfare Analysis and Modeling
- (2) Air Vehicles, Manned and Unmanned, and Air Vehicle Propulsion Systems
- (3) Aircraft Crew Equipment and Life Support

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- (4) Airborne Surveillance Systems
- (5) Tactical Aircraft Combat and Combat Control Systems
- (6) Air Anti-Submarine Warfare Systems and Sensors
- (7) Missiles and Missile Subsystems
- (8) Freefall and Unguided Weapons
- (9) Aircraft Electronic Warfare
- (10) Aircraft and Missile Survivability and Vulnerability
- (11) Aircraft and Missile Active and Passive Signatures
- (12) Aerodynamic Deceleration (Parachute Systems) and Components
- (13) Aircraft and Weapon Ranges
- (14) Major Range and Test Facility Base (MRTFB) Management
- (15) Aviation Ground Support Equipment
- (16) Aircraft Launch and Recovery System
- (17) Air Platform Systems Integration
- (18) Targets and Simulators for Air Launched Systems

c. Changes to the Center mission and leadership areas will be coordinated through the Navy Laboratory/Center Coordinating Group (NLCCG) and approved by the Navy Laboratory and Center Oversight Council (NLCOC).

d. ~~Authority, Duties and Responsibilities of COMNAVAIRWARCEN~~ COMNAVAIRWARCEN will exercise the authority granted by COMNAVAIRSYSCOM in the management of the Center. COMNAVAIRWARCEN is hereby authorized to directly task appropriate NAVAIRHQ organization elements to obtain matrix support. COMNAVAIRWARCEN, under the established policies of the Naval Air Systems Command, has authority to exercise business and technical judgement in coordinating policies directly with other Warfare Center Commanders, other Systems Commands and Government agencies. As the military leader, COMNAVAIRWARCEN will operate within the statutory parameters provided by U.S. Navy Regulations and other appropriate guidelines. Specific authorities and responsibilities of COMNAVAIRWARCEN include:

(1) Direct NAVAIRWARCEN as the Navy's integrated full spectrum center for science and technology, RDT&E, engineering, logistics, maintenance, industrial and Fleet support for all aspects of naval aviation warfare.

(2) Establish policy and procedures to ensure that tasks clearly aligned within NAVAIRWARCEN technical leadership areas are assigned and funded directly to the appropriate Center field component. Establish and maintain in-house Center scientific and engineering competence, capability, special facilities, and other resources as may be required. In cases

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where work requirements do not clearly align with NAVAIRWARCEN leadership areas, COMNAVAIRWARCEN will exercise approval and control authority regarding acceptance of that work and funding within the Center.

(3) Establish and maintain Center operational policies and directives, and strategic and business plans. Assign the roles and functional responsibilities for the Aircraft and Weapons Divisions.

(4) Establish new technical leadership areas, in coordination with the Navy Laboratory/Center Coordinating Group (NLCCG), to ensure the functional purification and focus in support of naval aviation warfare.

(5) Provide acquisition program support to the Program Executive Officers, COMNAVAIRSYSCOM, other Systems Commands, and Program Managers. As a primary mode of operation, provide cost conscious systems engineering and technical support to program managers and PEO's through the COMNAVAIRSYSCOM functional organization in all phases of systems development and acquisition, with emphasis on concept exploration, demonstration and validation, prototyping, engineering and manufacturing development, initial production support, initial operations support and Fleet support.

(6) Provide executive oversight, final approval authority and resource advocacy for investment strategy, resource requirements, military construction planning, budgets and business plan execution/operation of the Center.

(7) Discharge assigned technical management responsibilities consistent with the policies and procedures of the Navy Acquisition Executive, the Assistant Secretary of the Navy (Research, Development and Acquisition).

(8) Exercise fitness report responsibility for the Commander, Aircraft Division and the Commander, Weapons Division. Evaluate the performance of the Center Technical Director and of the senior Center Headquarters staff.

(9) Act as chairman of the NAVAIRWARCEN Corporate Board which will consist of senior military and civilian executives representative of the major field components of the Center, and from the major Center customers.

(10) Serve as the principal Command member of the Navy Laboratory/Center Coordinating Group (NLCCG).

(11) Serve as Chairman of the NAVAIRSYSCOM Science and Technology (S&T) Board. Continually monitor and evaluate the Center S&T base.

(12) Establish NAVAIRSYSCOM policy for test and evaluation execution.

(13) Provide policy direction, management, and planning of the Navy elements of the DOD Major Range and Test Facility Base (MRTFB).

(14) Act as the Navy representative to the Joint Commander's Group for Test and Evaluation.

3. Staffing and Organization. The NAVAIRWARCEN will be organized by and function under the direction of the COMNAVAIRWARCEN. Activities comprising the Center are shown as attachment (1). The organizational structure of the Center is delineated in attachment (2).

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a. NAVAIRWARCEN Headquarters Organization. The Center Headquarters (HQ) component includes the commander; the technical director; and a small core staff. The Center HQ component will be collocated with NAVAIRHQ in Washington D.C., who will provide necessary matrix support for the execution of certain NAWC command responsibilities, including legal, comptroller, and administrative support services, as appropriate. The Center HQ staff may be augmented by designated functional/technical specialists from Center field components (e.g., information resource management (IRM), and procurement).

b. NAVAIRWARCEN Field Organizations. The Center will be composed of two divisions, each with assigned functional and product areas; the Aircraft Division headquartered at Patuxent River, MD, and the Weapons Division headquartered at Pt. Mugu, CA. Each Division reports directly to COMNAVAIRWARCEN. There will be a military commander at the Flag officer level and a civilian deputy for each Division.

4. Operating Relationships. Enclosure (3) depicts top level organizational relationships for the NAVAIRWARCEN.

a. COMNAVAIRSYSCOM. COMNAVAIRWARCEN reports directly to COMNAVAIRSYSCOM and is responsible to him for the successful execution of the Center mission and operations. In discharging this responsibility, COMNAVAIRWARCEN interfaces directly with the various Deputy/Assistant Commanders of the Naval Air Systems Command. COMNAVAIRWARCEN is physically collocated with COMNAVAIRSYSCOM to ensure an optimum working relationship.

b. Program Executive Officers (PEOs)/Direct Reporting Program Managers (DRPMs)/Program Managers (PMs). PEOs/DRPMs/PMs are principal customers of the Center. COMNAVAIRWARCEN will work closely with these customers to ensure that their programs receive appropriate support in terms of quality, schedule and cost. COMNAVAIRWARCEN will execute memoranda of understanding (MOUs) with these customers, as necessary.

c. Chief of Naval Research. The Chief of Naval Research (CNR) is responsible for overall management of the Navy Science and Technology (S&T) program. The Center maintains a vigorous and effective S&T program. Accordingly, COMNAVAIRWARCEN continually interfaces with the CNR regarding naval aviation S&T. Success of the Navy S&T program requires that CNR receive support from the Warfare Centers (especially in the area of RDT&E 6.2 Block Management) while a vigorous in-house S&T program is essential to the success of each of the Warfare Centers. Accordingly, COMNAVAIRWARCEN will maintain effective working relationships with CNR.

d. Chief of Naval Operations/Commandant of the Marine Corps. The Chief of Naval Operations (CNO) is responsible for establishing military requirements, conducting test and evaluation, formulating budget and funding plans for SECNAV approval, and for Fleet support. The Commandant of the Marine Corps (CMC) performs like functions for the Marine Corps. COMNAVAIRWARCEN, with the guidance of COMNAVAIRSYSCOM, will be responsive to the CNO/CMC in the exercise of their responsibilities. COMNAVAIRWARCEN will ensure the absolute independence of testing and support of testing provided to the Commander, Operational Test and Evaluation Forces.

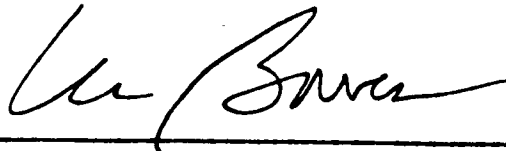
e. Assistant Secretary of the Navy (Research, Development and Acquisition (ASN(RDA))). The ASN(RDA), the Navy Acquisition Executive, is responsible for all Navy research, development and acquisition matters. COMNAVAIRSYSCOM will report directly to the ASN(RDA) for Center matters. Specifically, COMNAVAIRWARCEN, if requested, will participate in major

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Navy weapon systems reviews for the purpose of presenting an independent technical position.

f. Other Customers. Components of the Center provide support and service across systems commands and outside the Naval chain. COMNAVAIRWARCEN will be cognizant of such activities and, to the extent necessary, consider workforce loading and resource allocations in planning for such customer support.

g. DOD and Congressional. COMNAVAIRWARCEN will interface with Department of Defense (DOD) and Congressional offices under the direction, authority and guidance of COMNAVAIRSYSCOM, consistent with SECNAV policy and the Office of Legislative Affairs.



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**ACTIVITIES ASSIGNED TO THE  
NAVAL AIR WARFARE CENTER (1995 PLAN)**

<b><u>ECHELON</u></b>	<b><u>ACTIVITIES</u></b>
<b>2</b>	<b>Commander, Naval Air Systems Command, Washington, DC</b>
<b>3</b>	<b>Commander, Naval Air Warfare Center, Washington, DC</b>
<b>4</b>	<b>Commander, Naval Air Warfare Center, Aircraft Division, Patuxent River, MD</b>
<b>5</b>	<b>Commanding Officer, Naval Air Station, Patuxent River, MD</b>
<b>5</b>	<b>Commanding Officer, Naval Air Engineering Station, Lakehurst, NJ</b>
<b>5</b>	<b>Commanding Officer, Naval Avionics Facility, Indianapolis, IN</b>
<b>4</b>	<b>Commander, Naval Air Warfare Center, Weapons Division, Pt. Mugu, CA</b>
<b>5</b>	<b>Commanding Officer, Naval Air Weapons Station, Pt. Mugu, CA</b>
<b>5</b>	<b>Commanding Officer, Naval Air Weapons Station, China Lake, CA</b>
<b>5</b>	<b>Officer-in-Charge, Naval Ordnance Missile Test Station, White Sands, NM</b>

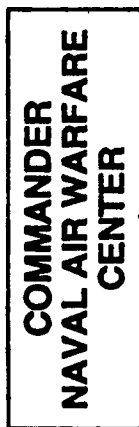
# NAVAL AIR WARFARE CENTER ORGANIZATIONAL STRUCTURE (1995 PLAN)

**LEVEL**

**ORGANIZATION**

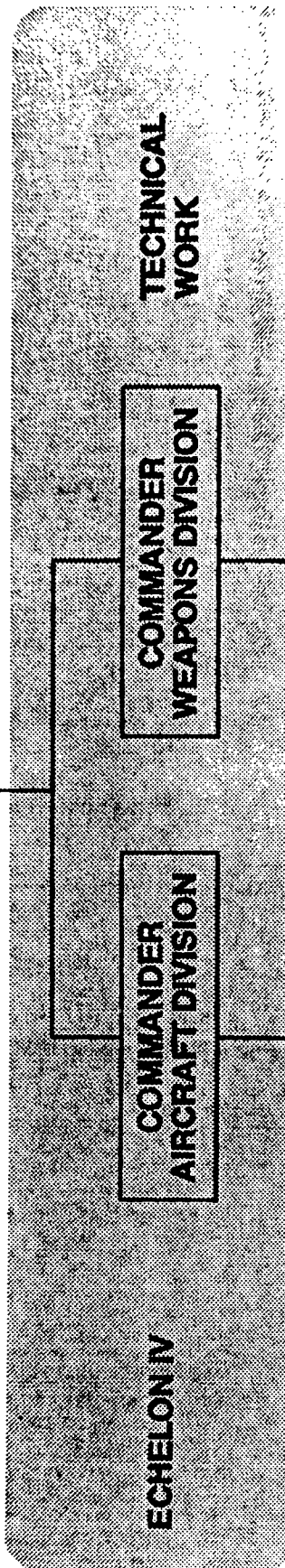
**FUNCTION**

**ECHELON III**



**HEADQUARTERS  
MANAGEMENT**

**ECHELON IV**



**TECHNICAL  
WORK**

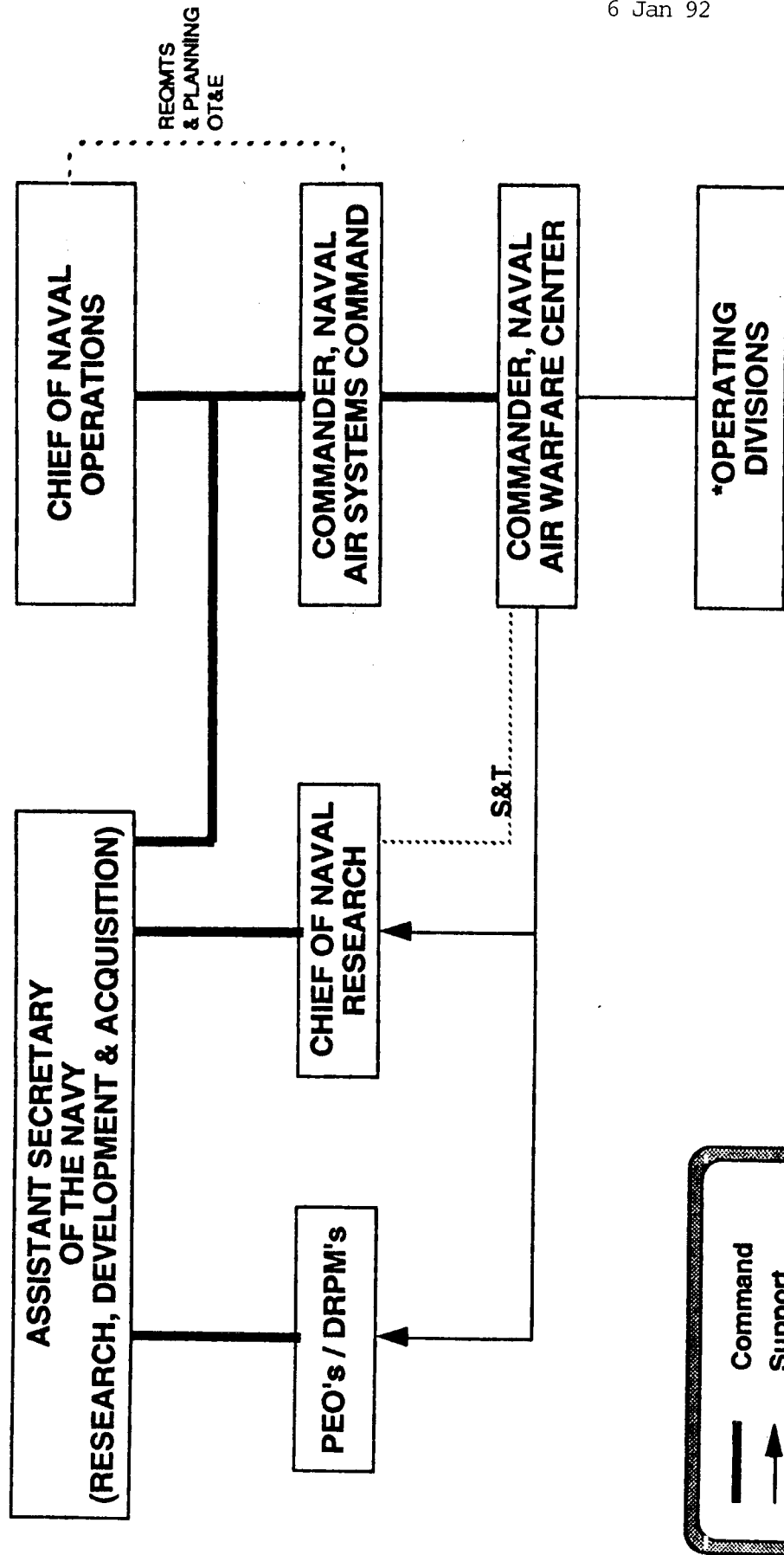
**ECHELON V**



**BASE  
SUPPORT**

# NAVAL AIR WARFARE CENTER

## ORGANIZATIONAL RELATIONSHIPS



NAVAIRINST 5420.21  
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\* TASKING AND FUNDS FLOW DIRECTLY FROM REQUIRING OFFICES (PMA's ETC.) TO OPERATING DIVISIONS